

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Drew Berweger on December 17, 2010.

Cancel claims 17-20 and 22.

Amend claims below:

Claim 16 (amended) A method for decreasing neuronal synaptic transmission of a CA1 pyramidal neuron, the method comprising contacting said neuron with an amount of an inhibitor of protein kinase M zeta (PKM ζ) that is effective to decrease synaptic transmission in said neuron, wherein the neuron is a brain neuron or a spinal cord neuron, wherein the contacting of said neuron with the inhibitor of PKM ζ is at the outer surface of said neuron, followed by injecting said PKM ζ inhibitor into the cell, wherein the inhibitor of PKM ζ is a myristoylated pseudosubstrate peptide.

Claim 21, line 1, replace "claim 19" with – claim 16 --.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Pak whose telephone number is 571-272-0879. The examiner can normally be reached on 8:00 - 2:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gary Nickol can be reached on 571-272-0835. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Michael Pak/
Primary Examiner, Art Unit 1646